

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"660283".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:10
S2	2	("6190305").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/08 18:10
S3	8	("4729366"   "5531787"   "5624376"). PN. OR ("6190305").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 18:13
S4	96	(("5772575") or ("6139488") or ("6408496") or ("6198971") or ("5842967") or ("5919143") or ("6139507") or ("4776322") or ("5015225") or ("5267571") or ("5360388") or ("5413114") or ("4813419") or ("4850962") or ("4890618") or ("4982434") or ("5176620") or ("5318502") or ("5456654") or ("5554096") or ("5624376") or ("5782744") or ("5800336") or ("5857958") or ("5906635") or ("5913815") or ("6161046") or ("6217508") or ("6217508") or ("5447489") or ("5708720") or ("6287765") or ("6259951") or ("6565503") or ("6575894") or ("6629923") or ("6697674") or ("6807445") or ("6123677") or ("6115477") or ("5531787") or ("5984859") or ("4464119") or ("5862234") or ("6404895") or ("6916291") or ("5941814") or ("6005955") or ("4932405") or ("6243474")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/08 18:13
S5	75	(S3 or S4) and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:14
S6	25	S5 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:14

## EAST Search History

S7	13	("4485276"   "4816125"   "4998179"   "5277694"   "5279292"   "5663727"   "5814095"   "5941814"   "5999632"   "6077215"   "6123660"   "6162169"   "6198971").PN. OR ("6807445"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 18:14
S8	83	(S3 or S4 or S7) and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:19
S9	28	S8 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:19
S10	414	607/55-57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:19
S11	153	607/136-137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:19
S12	195	(S10 or S11) and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:18
S13	152	S12 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:22
S14	18	(S10 or S11) and ("floating mass transducer" or FMT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:24
S15	245	(S10 or S11) and electrical and mechanical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 13:39

## EAST Search History

S16	93	(S10 or S11) and electrical and mechanical and transducer and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:22
S17	300	(S10 or S11) and (electrical with stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:22
S18	71	(S10 or S11) and (mechanical with stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:22
S19	53	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:22
S20	34	S19 and electrode and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:23
S21	10	S19 and ("floating mass transducer" or FMT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:25
S22	5	ball-geoffrey.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:25
S23	3	schmidt-marcus.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 18:26
S24	414	607/55-57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:20
S25	153	607/136-137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:20

## EAST Search History

S26	5	(S24 or S25) and (indirect with stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:21
S27	110	(S24 or S25) and (direct with stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:24
S28	3	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:21
S29	63	("20010053872"   "3557775"   "3712962"   "3764748"   "4352960"   "4441210"   "4850962"   "4988333"   "5015224"   "5015225"   "5061282"   "5070535"   "5095904"   "5113859"   "5271397"   "5279292"   "5360388"   "5411467"   "5545219"   "5578084"   "5597380"   "5601617"   "5603726"   "5624376"   "5626629"   "5690693"   "5772575"   "5776179"   "5782744"   "5795287"   "5800475"   "5814095"   "5951601"   "5957958"   "5977689"   "5984859"   "5997466"   "5999632"   "6005955"   "6010532"   "6038484"   "6067474"   "6123660"   "6131581"   "6157861"   "6161046"   "6171229"   "6178353"   "6198971"   "6227204"   "6235056"   "6251062"   "6259951"   "6261224"   "6264603"   "6277148"   "6342035"   "6358281"   "6394947"   "6411855"   "6421569"   "6428484"). PN. OR ("6565503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/09 11:21
S30	300	(S24 or S25) and (electrical with stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:24
S31	71	(S24 or S25) and (mechanical with stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:24
S32	53	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:25

## EAST Search History

S33	50	S32 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:25
S34	41	S33 and (vibration or vibrating or vibrates)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:35
S35	2	("0831673").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/09 12:35
S36	414	607/55-57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:18
S37	153	607/136-137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:18
S38	105	(S36 or S37) and ((mechanical or vibrat\$5) with middle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:26
S39	96	(S36 or S37) and (electrical with inner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:19
S40	51	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:18
S41	176	(S36 or S37) and ((electrode or electrical) with inner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:19
S42	112	(S36 or S37) and ((electrode or electrical) with "inner ear")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:19

## EAST Search History

S43	103	(S36 or S37) and ((mechanical or vibrat\$5) with "middle ear")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:28
S44	52	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:19
S45	42	("3557775"   "3712962"   "3764748"   "4352960"   "4441210"   "4988333"   "5015224"   "5015225"   "5070535"   "5095904"   "5271397"   "5277694"   "5279292"   "5360388"   "5411467"   "5545219"   "5578084"   "5597380"   "5601617"   "5603726"   "5624376"   "5626629"   "5772575"   "5795287"   "5800475"   "5814095"   "5941814"   "5951601"   "5957958"   "5977689"   "5984859"   "5999632"   "6038484"   "6123660"   "6131581"   "6162169"   "6198971"   "6227204"   "6251062"   "6259951").PN. OR ("6697674"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/09 13:24
S46	82	(S36 or S37) and (electrode with "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:01
S47	12	(S36 or S37) and (electrode near "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:27
S48	42	S43 and ((mechanical or vibrat\$5) with "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 13:29
S49	27	S43 and (transducer with "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 14:00
S50	4	((("5277694") or ("6123660"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/09 14:06

## EAST Search History

S51	4	((("6162169") or ("5941814"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/09 14:34
S52	3	("5814095").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/09 14:34
S53	42	("3557775"   "3712962"   "3764748"   "4352960"   "4441210"   "4988333"   "5015224"   "5015225"   "5070535"   "5095904"   "5271397"   "5277694"   "5279292"   "5360388"   "5411467"   "5545219"   "5578084"   "5597380"   "5601617"   "5603726"   "5624376"   "5626629"   "5772575"   "5795287"   "5800475"   "5814095"   "5941814"   "5951601"   "5957958"   "5977689"   "5984859"   "5999632"   "6038484"   "6123660"   "6131581"   "6162169"   "6198971"   "6227204"   "6251062"   "6259951").PN. OR ("6697674"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/10 13:38
S54	15	S53 and "temporal"	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/10 13:39
S55	414	607/55-57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 13:39
S56	153	607/136-137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 13:39
S57	12	(S55 or S56) and (transducer with "temporal bone")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 16:17
S58	82	(S55 or S56) and (electrode with "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 15:01

## EAST Search History

S59	4	("4,419,995").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/10 14:54
S60	40	("2995633"   "3384090"   "3752939"   "4063048").PN. OR ("4419995").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/10 14:58
S61	9	S60 and (electrode with "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 14:59
S62	4	(S55 or S56) and (microphone with (omnidirectional or bidirectional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 15:57
S63	2	(S55 or S56) and (microphone with (omni-directional or bi-directional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 15:57
S64	7	(S55 or S56) and (microphone same (omnidirectional or bidirectional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 15:57
S65	2	(S55 or S56) and (microphone same (omni-directional or bi-directional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 15:57
S66	9	S62 or S63 or S64 or S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 15:57
S67	62	(S55 or S56) and ((battery or "power source" or "power supply") with housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 16:20
S68	49	(S55 or S56) and ((battery or "power source" or "power supply") with low)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 16:24



## EAST Search History

S69	4	S68 and ((LED or light or indicator or status) with low)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/10 16:22
S70	10	S68 and ((LED or light or indicator or status) with (battery or "power source" or "power supply"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:45
S74	414	607/55-57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:01
S75	153	607/136-137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:01
S76	89	(S74 or S75) and (electrode same "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:02
S77	82	("4532930").URPN.	USPAT	OR	OFF	2006/06/12 11:06
S78	9	S77 and (electrode same "round window")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:02
S79	34	(S74 or S75) and ((LED or light or indicator or status) with (battery or "power source" or "power supply"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:47
S80	18	S79 and ((LED or light or indicator or status) with external)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:47
S81	232	(600/25).CCLS.	USPAT; USOCR	OR	OFF	2006/06/12 12:34